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Bureau of the Census

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Changes to the 1980 Industrial and Occupational
Classification Systems for the 1990 Census of Population

The industrial and occupational classifications used for the 1990 Census of population were similar to those used in 1980, with no major changes. There were a number of changes that affects detailed categories. Industry had the most changes due to a change in the Standard Industrial Classification Manual. This document presents these classification changes.

INDUSTRY

The following listing presents, for 1980 industrial categories that where spilt for the 1990 Census, adjustments of 1980 experienced civilian labor force (ECLF) data to reflect the 1990 classification.

Male - ECLF

<u>1980</u> <u>Code</u>	<u>1980</u> <u>Title</u>	<u>1990</u> <u>Code</u>	<u>1980 Census Data</u> <u>Percent</u>	<u>1980</u>	<u>1990</u>
020	Ag services, exc horticultural	012 030	38.39286 61.60714	133,058	51,085 81,973
442	Telegraph & misc communications	440 442	41.17647 58.82353	57,594	23,715 33,879
510	Sport goods, toys, hobby goods	510 532	13.63636 86.36364	31,903	4,350 27,553
530	Machinery, equip- ment & supplies	510 530	31.08808 68.91192	636,097	197,750 438,347
640	Household appli- ances, TV, radio stores	632 633 640	22.22222 48.0 29.77778	248,206	55,157 119,139 73,910
682	Misc retail	661 682	6.31579 93.68421	237,886	15,024 222,862
702	Credit agencies n.e.c.	701 702	7.81250 92.18750	122,210	9,548 112,662
732	Business mngmt consulting	791 892	5.22876 94.77124	172,986	9,045 163,941

Male - ECLF

<u>1980</u> <u>Code</u>	<u>1980</u> <u>Title</u>	<u>1990</u> <u>Code</u>	<u>1980 Census Data</u> <u>Percent</u>	<u>1980</u>	<u>1990</u>
750	Auto srvcs, exc repair	742 750 751	36.36364 55.68182 7.95455	177,621	64,589 98,903 14,129
770	Lodging places exc hotels/motels	770 863	91.54930 8.45070	43,463	39,790 3,673
791	Misc pers srvcs	791 810	88.23529 11.76471	58,824	51,904 6,920
881	Membeship orgs	873 881	22.81553 77.18447	189,113	43,147 145,966
930	Adm env quality & housing	810 930	18.09524 81.90476	195,358	35,350 160,008

Female - ECLF

<u>1980</u> <u>Code</u>	<u>1980</u> <u>Title</u>	<u>1990</u> <u>Code</u>	<u>1980 Census Data</u> <u>Percent</u>	<u>1980</u>	<u>1990</u>
020	Ag services, exc horticultural	012 030	50.0 50.0	106,644	53,322 53,322
341	Radio, TV, & communications	341 371	99.77827 .22173	265,734	265,145 589
442	Telegraph & misc communications	440 442	43.05556 56.94444	28,664	12,341 16,323
510	Sport goods, toys, hobby goods	510 532	15.62500 84.37500	18,649	2,914 15,735
530	Machinery, equip- ment & supplies	510 530	41.94529 58.05471	227,180	95,291 131,889
640	Household appli- ances, TV, radio stores	632 633 640	31.42857 36.42857 32.14286	105,862	33,271 38,564 34,027
682	Misc retail	661 682	15.88542 84.11458	317,456	50,429 267,027
702	Credit agencies n.e.c.	701 702	19.41748 80.58252	201,109	39,050 162,059

Female - ECLF

<u>1980</u> <u>Code</u>	<u>1980</u> <u>Title</u>	<u>1990</u> <u>Code</u>	<u>1980 Census Data</u> <u>Percent</u>	<u>1980</u>	<u>1990</u>
732	Business mngmt consulting	791 892	14.65969 85.34031	179,300	26,285 153,015
750	Auto srvcs, exc repair	742 750 751	48.30508 45.76271 5.93220	56,206	27,151 25,721 3,334
770	Lodging places exc hotels/motels	770 863	27.64706 72.35294	161,330	44,603 116,727
791	Misc pers srvcs	791 810	85.16484 14.83516	91,473	77,903 13,570
800	Theaters & motion pictures	800 801	99.65398 .34602	137,028	136,554 474
801	Bowling alleys, billiard/pool halls	802 810	98.07692 1.92308	38,663	37,919 744
862	Child day care services	862 863	91.44893 8.55107	352,752	322,588 30,164
881	Membership orgs	873 881	14.58333 85.41667	216,371	31,554 184,817
930	Adm env quality & housing	810 930	12.30769 87.69231	81,434	10,023 71,411

Following is a list of industries that were deleted or merged for the 1990 Census.

1980 Code and Category	1990 Code and Category
382 Not specified professional equipment (manufacturing)	none
522 Not specified electrical and hardware (wholesale trade)	none
730 Commercial research, development, and testing labs	891 Research, development, and testing services <u>1/</u>
891 Noncommercial educational and scientific research	

1/ Code 730 part changed major group

Following is a list of industrial categories where the title was changed, but the code was the same.

1980 Code and Category	1990 Code and Category
042 Crude petroleum and natural gas extraction	042 Oil and gas extraction
102 Canned and preserved fruits and vegetables	102 Canned, frozen, and preserved fruits and vegetables
141 Floor coverings, except hard surface	141 Carpets and rugs
281 Cutlery, handtools, and other hardware	281 Cutlery, handtools, and general hardware
322 Electronic computing equipment	322 Computer and related equipment
372 Optical and health services supplies	372 Medical, dental, and optical instruments and supplies
440 Radio and television broadcasting	440 Radio and television broadcasting and cable
441 Telephone (wire and radio)	441 Telephone communications
510 Sporting goods, toys, and hobby goods	510 Professional and commercial equipment and supplies
672 Fuel and ice dealers	672 Fuel dealers

701 Savings and loan associations	701 Savings institutions, including credit unions
712 Real estate, including real estate-insurance-law offices	712 Real estate, including real estate-insurance offices
751 Automotive repair shops	751 Automotive repair and related services
812 Offices of physicians	812 Offices and clinics of physicians
820 Offices of dentists	820 Offices and clinics of dentists
821 Offices of chiropractors	821 Offices and clinics of chiropractors
822 Offices of optometrists	822 Offices and clinics of optometrists
830 Offices of health practitioners, n.e.c.	830 Offices and clinics of health practitioners, n.e.c.
851 Business, trade, and vocational schools	851 Vocational schools

Following is a list of industrial categories where the codes changed, with the title either the same or different.

1980 Code and Category	1990 Code and Category
021 Landscape and horticultural services	020 Landscape and horticultural services
030 Forestry	031 Forestry
031 Fishing, hunting, and trapping	032 Fishing, hunting, and trapping
460 Electric light and power	450 Electric light and power
461 Gas and steam supply systems	451 Gas and steam supply systems
462 Electric and gas, and other combinations	452 Electric and gas, and other combinations
630 Apparel and accessory stores, except shoe	623 Apparel and accessory stores, except shoe
631 Shoe stores	630 Shoe stores

632 Furniture and home furnishings stores
661 Sewing, needlework, and piece goods stores
662 Catalog and mail order houses
732 Business management and consulting services
740 Computer and data processing services
741 Detective and protective services
742 Business services, n.e.c.
801 Bowling alleys, billiard and pool parlors
802 Miscellaneous entertainment and recreation services
892 Miscellaneous professional and related service

1/ Change in major group

631 Furniture and home furnishings stores
662 Sewing, needlework, and piece goods stores
663 Catalog and mail order houses
892 Management and public relations services 1/
732 Computer and data processing services
740 Detective and protective services
741 Business services, n.e.c.
802 Bowling centers
810 Miscellaneous entertainment and recreation services
893 Miscellaneous professional and related services

OCCUPATION

The following listing presents, for 1980 occupational categories that were split for the 1990 Census, adjustments of 1980 experienced civilian labor force (ECLF) data to reflect the 1990 classification.

Male - ECLF

<u>1980</u> <u>Code</u>	<u>1980</u> <u>Title</u>	<u>1990</u> <u>Code</u>	<u>Percent</u>	<u>1980 Census Data</u> <u>1980</u>	<u>1990</u>
019	Managers, admin n.e.c.	017	7.69231	3,824,609	294,201
		021	4.38787		167,819
		022	87.91983		3,362,589
063	Surveyors and mapping scientists	063	78.94737	30,313	23,931
		218	21.05263		6,382
106	Physicians' assistants	106	52.08333	18,211	9,485
		208	47.91667		8,726
274	Sales workers, other commodities	274	97.11191	463,456	450,071
		318	2.88809		13,385
446	Health aides, exc nursing	208	10.52632	45,375	4,776
		446	89.47368		40,599
468	Child care workers exc PH	466	8.95522	41,872	3,750
		467	28.35821		11,874
		468	62.68657		26,248
766	Furnace, kiln, oven operators, exc food	696	16.14907	146,322	23,630
		766	83.85093		122,692
889	Laborers, exc construction	877	.56604	1,128,789	6,389
		889	99.43396		1,122,400

Females - ECLF

<u>1980</u> <u>Code</u>	<u>1980</u> <u>Title</u>	<u>1990</u> <u>Code</u>	<u>1980 Census Data</u> <u>Percent</u>	<u>1980</u>	<u>1990</u>
019	Managers, admin n.e.c.	017 021 022	16.34446 7.73286 75.92267	1,407,898	230,113 108,871 1,068,914
063	Surveyors and mapping scientists	063 218	83.33333 16.66667	1,321	1,101 220
106	Physicians' assistants	106 208	85.71429 14.28571	12,226	10,479 1,747
274	Sales workers, other commodities	274 318	95.12799 4.87201	1,234,929	1,174,763 60,166
406	Child care workers private HH	406 466	99.34641 .65359	155,785	154,767 1,018
446	Health aides, exc nursing	208 446	22.06406 77.93594	246,674	54,426 192,248
468	Child care workers exc PH	466 467 468	35.49107 33.70536 30.80357	570,794	202,581 192,388 175,825
766	Furnace, kiln, oven operators, exc food	696 766	2.59740 97.40260	7,473	194 7,279
889	Laborers, exc construction	877 889	1.93662 98.06338	271,569	5,259 266,310

Following is a list of occupations that were merged for the 1990 Census.

1980 Code and Category	1990 Code and Category
349 Telegraphers 353 Communications equipment operators, n.e.c.	353 Communications equipment operators, n.e.c.
368 Weighers, measurers, and checkers 369 Samplers	368 Weighers, measurers, checkers and samplers
436 Cooks, except short order 437 Short-order cooks	436 Cooks
673 Apparel and fabric patternmakers 674 Miscellaneous precision apparel fabric workers	674 Miscellaneous precision apparel and fabric workers
794 Hand grinding and polishing occupations 795 Miscellaneous hand working occupations	795 Miscellaneous hand working occupations
804 Truck drivers, heavy 805 Truck drivers, light	804 Truck drivers

Following is a list of occupational categories where the title was changed, but the code was the same.

1980 Code and Category	1990 Code and Category
098 Inhalation therapists	098 Respiratory therapists
558 Supervisors, n.e.c.	558 Supervisors, constructing, n.e.c.
734 Printing machine operators	734 Printing press operators

Following is a list of occupational categories where the codes changed, but the titles are the same.

1980 Code and Category	1990 Code and Category
017 Postmasters and mail superintendents	016 Postmasters and mail superintendents
016 Managers, properties and real estate	018 Managers, properties and real estate
018 Funeral directors	019 Funeral directors
463 Guides	461 Guides
464 Ushers	462 Ushers
465 Public transportation attendants	463 Public transportation attendants
466 Baggage porters and bellhops	464 Baggage porters and bellhops
467 Welfare service aides	465 Welfare service aides
633 Supervisors, production occupations	628 Supervisors, production occupations
863 Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c.
864 Helpers, mechanics and repairers	865 Helpers, mechanics and repairers
865 Helpers, construction trade	866 Helpers, construction trade
866 Helpers, surveyor	867 Helpers, surveyor
867 Helpers, extractive occupations	868 Helpers, extractive occupation
873 Production helpers	874 Production helpers

The adjusted data presented here were estimated from a 1980 Census of Population sample of 132,744 cases which were coded into both the 1980 and 1990 classification systems.

This document was prepared in the Labor Force Statistics Branch of the Housing and Household Economics Statistics Division. Questions on this may be directed to ~~Joanne Benetti~~ or John Priebe, telephone (301) 763-8574.

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